Claims

What is claimed is:

1. A method of treating cancer in a subject comprising:

administering to the subject in need thereof an average daily dose of a compound having the structure:

wherein the amount of the compound in the carrier is sufficient for the composition to deliver to the subject between about 0.001 mg and about 0.6 mg compound per kilogram of the subject's body weight.

2. A method of inhibiting growth of a tumor in an animal comprising:

administering to an animal that has a tumor an amount of a composition comprising a compound having the structure:

wherein the amount is sufficient to deliver an average daily dose of the compound that is within the range of about 0.001 to 0.06 mg of the compound per kilogram body weight.

- 3. The method of claim 1 or 2, wherein the average daily dose is within the range of about 0.01 mg to about 0.6 mg compound per kg body weight.
- 4. The method of claim 1 or 2, wherein the step of administering comprises administering individual doses not more frequently than once daily.
- 5. The method of claim 1 or 2, wherein the step of administering comprises interrupting individual dose administrations with at least one day of rest.
- 6. The method of claim 1 or 2, wherein the step of administering comprises interrupting individual dose administrations with at least three days of rest.
- 7. The method of claim 1 or 2, wherein the step of administering comprises administering over a period of at least about 6 days.
- 8. The method of claim 1 or 2, wherein the step of administering comprises administering to an animal that has a multidrug resistant tumor.
- 9. The method of claim 1 or 2, wherein the step of administering according to a schedule sufficient to achieve at least about 16% tumor inhibition.

10. A pharmaceutical composition for delivering a therapeutically effective amount of a compound to a mammal, the pharmaceutical composition comprising:

an amount of a compound having the structure:

wherein the amount of the compound in the carrier is sufficient for the composition to deliver to the mammal between about 0.001 mg and about 0.6 mg compound per kg body weight.

- 11. The pharmaceutical composition of claim 10, wherein the therapeutically effective amount is an amount sufficient to deliver about 0.01 mg to about 0.6 mg compound per kg body weight.
- 12. The composition of claim 10, wherein the composition is formulated for parenteral delivery.
- 13. The composition of claim 10, wherein the composition is formulated for oral delivery.
- 14. The composition of claim 10, wherein the composition comprises an emulsion.
- 15. The composition of claim 10, wherein the composition comprises an aqueous suspension.